

WYC:imp 9/6/05 60138S

PATENT

In the Claims:

1. (Amended) A method comprising:
sensing an object identifier from a first object;
sending said first object identifier from a first device to a second device;
in response, at said second device, identifying address information corresponding to said first object identifier and sending same to the first device;
initiating a link from the first device in accordance with said address information;
at said second device, identifying additional objects related to said first object but not having the same object identifier sent from the first device to the second device;
identifying additional address information corresponding to said additional objects; and
sending said additional address information to the first device;
storing said additional address information in a memory at the first device;
wherein, if an object included among said identified additional objects is sensed by the first device, the corresponding address information can be retrieved from said memory in the first device without the intervening delays of communicating with the second device.

2. (Canceled)

3. (Original) A system for linking from physical or digital objects to corresponding digital resources, comprising:
registration means for receiving data relating to an object, including its identity and owner, and associating same in a database with data relating to a corresponding response;
originating device means for sensing data from an input object, processing same, and forwarding same to a routing means;
routing means for processing the processed data from the originating device means, logging information from same, and forwarding at least certain of said processed data to a product handler means; and
product handler means for providing a response to the originating device means in accordance with the information provided thereto by the routing means.

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4. (Original) The system of claim 3 in which the routing means includes means for checking information in the database.

5. (Original) The system of claim 3 in which the registration means includes means for generating an encapsulating file and means for distributing said file to predetermined parties.

6-16. (Canceled)

17. (Amended) In a method of linking from physical objects to corresponding electronic resources, the method including decoding object payload data from a machine readable feature associated with a physical object, querying a database with at least some of said payload data to obtain address information associated with said physical object, and ~~establishing~~ initiating an electronic link based on said obtained address information, an improvement comprising foreseeing information about object payloads that may be forthcoming but that do not share with the first object the payload data with which the database was queried, and anticipatorily sending address information associated with such foreseen object payloads.

18. (Previously Presented) The method of claim 17 in which the physical object is a member of a logical set, and the method includes anticipatorily sending address information associated with other objects that are also members of said logical set.

19. (Previously Presented) The method of claim 18 in which the logical set comprises a set of advertisements found in a particular magazine.

20. (Previously Presented) The method of claim 17 that includes foreseeing an order in which other object payloads may be forthcoming, and anticipatorily sending address information for such object payloads in said order.

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21. (Previously Presented) The method of claim 20 in which said order is based on an order of printed pages in a bound volume.

22. (Previously Presented) The method of claim 17 that includes determining an order in which to send address information associated with said foreseen object payloads based on a contractual arrangement.

23. (New) A method comprising:
sensing an object identifier from a first object;
sending said first object identifier from a first device to a second device;
in response, at said second device, identifying address information corresponding to said first object identifier and sending same to the first device;
initiating a link from the first device in accordance with said address information;
at said second device, after initiating said link, identifying additional objects related to said first object; identifying additional address information corresponding to said additional objects; and sending said additional address information to the first device;
storing said additional address information in a memory at the first device;
wherein, if an object included among said identified additional objects is sensed by the first device, the corresponding address information can be retrieved from said memory in the first device without the intervening delays of communicating with the second device.

24. (New) In a method of linking from physical objects to corresponding electronic resources, the method including decoding object payload data from a machine readable feature associated with a physical object, querying a database with at least some of said payload data to obtain address information associated with said physical object, and initiating an electronic link based on said obtained address information, an improvement comprising foreseeing information about object payloads that may be forthcoming, and anticipatorily sending address information associated with such foreseen object payloads after initiating said electronic link.

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25. (New) The method of claim 24 in which the physical object is a member of a logical set, and the method includes anticipatorily sending address information associated with other objects that are also members of said logical set.

26. (New) The method of claim 25 in which the logical set comprises a set of advertisements found in a particular magazine.

27. (New) The method of claim 24 that includes foreseeing an order in which other object payloads may be forthcoming, and anticipatorily sending address information for such object payloads in said order.

28. (New) The method of claim 27 in which said order is based on an order of printed pages in a bound volume.

29. (New) The method of claim 24 that includes determining an order in which to send address information associated with said foreseen object payloads based on a contractual arrangement.

30. (New) In a method of linking from physical objects to corresponding electronic resources, the method including decoding object payload data from a machine readable feature associated with a physical object, querying a database with at least some of said payload data to obtain address information associated with said physical object, and initiating an electronic link based on said obtained address information, an improvement comprising foreseeing information about object payloads that may be forthcoming, and the order in which said other object payloads may be forthcoming, and anticipatorily sending address information associated with such foreseen object payloads, in such order.

31. (New) The method of claim 30 in which said order is based on an order of printed pages in a bound volume.